

#8/a
5-29-02

COPY OF PAPERS
ORIGINALLY FILED

42390.P7327

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re CPA Application of:

Boon-Lock Yeo

Application No.: 09/336,530

Filed: June 18, 1999

For: SYSTEMS AND METHODS FOR FAST
RANDOM ACCESS AND BACKWARD
PLAYBACK OF VIDEO FRAMES USING
DECODED FRAME CACHE

Examiner: Christopher Onuaku

Art Unit: 2615

*I hereby certify that this correspondence is being
deposited with the United States Postal Service as
first class mail with sufficient postage in an envelope
addressed to the Commissioner for Patents,
Washington, D.C. 20231 on:*

May 3, 2002

Date of Deposit

Mark W. Baugher

Name of Person Mailing Correspondence

MRB 5/3/02
Signature Date

Commissioner for Patents
Washington, D.C. 20231

RECEIVED

MAY 20 2002

Technology Center 2600

RESPONSE

Sir:

This is in response to the Office action dated January 3, 2002. Reconsideration of the application is requested.

ENTIRE SET OF PENDING CLAIMS (Clean version)

1. (Amended) A method of processing a video stream, comprising:
- (a) detecting a request to playback a particular frame; and
 - (b) determining whether a decoded version of the particular frame is in a decoded frame cache, and if it is not and if the particular frame has a frame dependency:
 - (i) determining a frame dependency for the particular frame;
 - (ii) determining which of the frames in the frame dependency are in the decoded frame cache;
 - (iii) decoding any frame in the frame dependency that is not in the decoded frame

Sub
at
cont